









2. Y. Liu, P. Hering and M. O. Scully "An integrated optical sensor for measuring glucose concentration An integrated optical sensor for measuring glucose concentration" *Applied Physics B: Lasers and Optics*, Vol. 54 pp.18-23 (1992)
3. Marcelo Martinelli, Marcos Gugliotti, and Ricardo Josue Horowicz, Measurement of Refractive-Index Change at a Liquid Solid Interface Close to the Critical Angle, *Applied Optics*, Vol. 39, pp. 2733-2736, (2003)
4. F. Abeles, "Methods for determining parameters of thin films," in *Progress in Optics*, Vol. 2, E. Wolf, ed. North Holland Publishing Co., Amsterdam, Holland, (1963), pp. 249-288.
5. J. E. Goell and R.D. Standley, "Effect of refractive index gradients on index measurements by Abeles method", *Appl. Opt.* 11, 2502-2505 (1972).
6. V. Damian, P.C. Logofatu, D. Apostol, F. Garoi, I. Iordache, A. Timotei, C. Ligor, and G. Muller, "Polymer thin film refractive index determination," in *Proceedings of IEEE 2004 International Semiconductor conference*, Sinaia, Romania, , pp.441-444. (2004)
7. P. C. Logofatu, Dan Apostol, Victor Damian, Iuliana Iordache, Daniela Bojan and Raluca Muresan, "Abeles method revisited", *Appl. Optics*, 45, No. 6, pp. 1120-1123 (2006).
8. Serguei A. Alexandrov, Igor V. Chernyh, "Interference method for determination of the refractive index and thickness", *Optical Engineering* 39(09), p. 2487-2486, (2000)
9. Mosarraf M. Hossain, Dalip S. Mehta, Chandra Shekhar, "Refractive index determination: an application of lensless Fourier digital holography", *Optical Engineering* 45(10), 106203, (2006)
10. N. Khélifa, H. Fang, J. Xu, P. Juncar, and M. Himbert, "Refractive index sensor for Tracking Changes in the Refractive Index of Air Near 780 nm," *Appl. Opt.* **37**, 156-161 (1998)
11. M. A. Khashan and A. Y. Nassif, "Accurate Measurement of the Refractive Indices of Solids and Liquids by the Double-Layer Interferometry," *Appl. Opt.* **39**, 5991-5994 (2000)
12. M. -H. Chiu, J. -Y. Lee, and D. -C. Su, "Refractive index measurement method on the effects of total internal reflection and the uses of heterodyne interferometry," *Appl. Opt.* **36**, 2930-2939 (1997)
13. H. Hattori, H. Yamanaka, H. Kurniawan, M. Yokoi, and M. Taniyama, "Using minimum deviation of a secondary rainbow and its application to water analysis," *High-precision, refractive-index comparator for liquids*, *Appl. Opt.* **36**, 5552-5556 (1997)
14. H. Hattori, H. Kakui, H. Kurniawan, and K. Kawanishi, "Liquid Refractometry by the Rainbow Method," *Appl. Opt.* **37**, 4123-4128 (1998)
15. F. Sarcinelli, R. M. Ferrara, and F. Scudieri, "Study of the refractive index of microscopic glass beads by light-refraction analysis," *Appl. Opt.* **36**, 8999-9004 (1997)
16. S. F. Neill and H. E. Bennet, "Accurate null photometry for measuring the refractive index of transparent materials," *J. Opt. Soc. Am. A* **10**, 2076-2083 (1993)
17. J. C. Biswas Charya, "Measurement of the refractive index using the Talbot effect and a moire technique," *Appl. Opt.* **27**, 2076-2083 (1988)